REMARKS

Claims 36, 37 and 48 have been canceled. The claims have been canceled to place the application in better form for examination and to further obviate the 35 U.S.C. §112 rejections set forth in the Office Action dated April 22, 2003. It is believed that none of these amendments constitute new matter. Withdrawal of these rejections is requested.

Claim 48 is rejected under 35 U.S.C. §112, first paragraph for enablement. Applicant has canceled claim 48. Withdrawal of this rejection is requested.

Claims 36 and 37 are rejected under 35 U.S.C. §112, first paragraph as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Applicant has canceled claims 36 and 37. Withdrawal of this rejection is respectfully requested.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

In view of the above amendments and remarks, it is submitted that the claim satisfies the provisions of 35 U.S.C. §112 and is not obvious over the prior art. Reconsideration of this application and early notice of allowance is requested.

RESPECTFULLY SUBMITTED,					
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Attachments: Marked-Up Copies of Claims

AMENDED CLAIMS - Version with markings to show changes made

1. (ORIGINAL) An inbred corn seed designated MNI1, wherein a sample of said seed has been deposited under ATCC Accession number _____.

2. (ORIGINAL) A corn plant or parts thereof, produced by growing the seed of claim 1.

3. (ORIGINAL) Pollen of the plant of claim 2.

4. (ORIGINAL) An ovule or ovules of the plant of claim 2.

5. (ORIGINAL) A corn plant, or part thereof, having all the physiological and morphological characteristics of the corn plant of claim 2.

6. (PREVIOUSLY AMENDED) The corn plant of claim 2, wherein said plant detasseled.

7. (ORIGINAL) A tissue culture of regenerable cells of a corn plant of claim 2.

8. (PREVIOUSLY AMENDED) The tissue culture of claim 7, the cells or protoplasts of said cells having been isolated from a tissue selected from the group consisting of protoplast and calli, wherein the regenerable cells are derived from meristematic cells, leaves, pollen, embryo, roots, root tip, anthers, silks, flowers, kernels, ears, cobs, husks, and stalks.

9. (PREVIOUSLY AMENDED) A corn plant regenerated from the tissue culture of claim 7, capable of expressing all the morphological and physiological characteristics of inbred corn plant MNI1, wherein a sample of said seed has been deposited under ATCC Accession number _____.

10. (PREVIOUSLY AMENDED) A corn plant with all the physiological and morphological characteristics of the corn inbred MNI1, wherein said corn plant is produced by a tissue culture process obtaining the corn plant of claim 5 as the starting material for said process.

11. (ORIGINAL) A method for producing a hybrid corn seed comprising crossing a first inbred parent corn plant with a second inbred parent corn plant and harvesting the resultant hybrid corn seed, wherein said first or second parent corn plant is the corn plant of claim 2.

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37. (CANCELED)
38. (PREVIOUSLY ADDED) A method for producing a transgenic corn plant comprising transforming the corn plant of claim 2 with a transgene wherein the transgene confers a characteristic selected from the group consisting of: herbicide resistance, insect

resistance, resistance to bacterial disease, resistance to fungal disease, resistance to viral disease, male sterility and corn endosperm with improved nutritional quality.

39. (PREVIOUSLY ADDED) A transgenic corn plant produced by the method of claim 38.

40. (PREVIOUSLY ADDED) A method of producing a male sterile corn plant comprising transforming the corn plant of claim 2 with a transgene that confers male sterility.

41. (PREVIOUSLY ADDED) A male sterile corn plant produced by the method of claim 40.

42. (PREVIOUSLY ADDED) A method of producing an herbicide resistant corn plant comprising transforming the corn plant of claim 2 with a transgene that confers herbicide resistance.

43. (PREVIOUSLY ADDED) A herbicide resistant corn plant produced by the method of claim 42.

44. (PREVIOUSLY ADDED) A method of producing an insect resistant corn plant comprising transforming the corn plant of claim 2 with a transgene that confers insect resistance.

45. (PREVIOUSLY ADDED) An insect resistant corn plant produced by the method of claim 44.

46. (PREVIOUSLY ADDED) A method of producing a disease resistant corn plant comprising transforming the corn plant of claim 2 with a transgene that confers disease resistance.

47. (PREVIOUSLY ADDED) A disease resistant corn plant produced by the method of claim 46.

48. (CANCELED)